Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105084.D
Acq On : 3 May 2018 20:31
Operator : JU/SJ
Sample : J2667-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 285-147-7212002-RB26667MSD

Quant Time: May 04 01:58:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	107909	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	451499	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	202886	20.00	ng		-0.01
63) Phenanthrene-d10	11.31	188	346962	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	197317	20.00	ng		-0.05
86) Perylene-d12	15.51	264	186022	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	784458	111.16	ng		0.00
7) Phenol-d6	6.44	99	912701	105.26	ng		0.00
23) Nitrobenzene-d5	7.36	82	566350	81.91	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	236250	112.25	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	1038904	80.89	ng		-0.02
78) Terphenyl-d14	12.90	244	862702	99.68	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	87094	26.485	ng		88
3) Pyridine	3.29	79	226432	24.491	ng	#	84
4) n-Nitrosodimethylamine	3.24	42	92511	28.625	ng	#	75
6) Aniline	6.45	93	191923	15.931	ng	#	1
8) 2-Chlorophenol	6.57	128	290556	39.008	ng		93
9) Benzaldehyde	6.33	77	179319	41.335	ng		97
10) Phenol	6.45	94	339254	36.874	ng		75
11) bis(2-Chloroethyl)ether	6.52	93	273633	37.270	ng		93
12) 1,3-Dichlorobenzene	6.72	146	299020	35.435	ng		98
13) 1,4-Dichlorobenzene	6.80	146	311817	37.069	ng		99
14) 1,2-Dichlorobenzene	6.95	146	285484	36.623	ng		97
15) Benzyl Alcohol	6.94	79	214446	32.561	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	295248	29.945	ng	#	5
17) 2-Methylphenol	7.06	107	230614	35.617	ng	#	86
18) Hexachloroethane	7.28	117	109925	36.652	ng		94
19) n-Nitroso-di-n-propylamine	7.20	70	189215	33.394	ng		91
20) 3+4-Methylphenols	7.22	107	313461	39.035	ng		96
22) Acetophenone	7.20	105	396445	35.665	ng	#	93
24) Nitrobenzene	7.37	77	286574	37.539	ng		95
25) Isophorone	7.61	82	517674	35.405	ng		98
26) 2-Nitrophenol	7.69	139	161219	51.875	ng		94
27) 2,4-Dimethylphenol	7.73	122	244598	37.905	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	337465	37.749	ng		99
29) 2,4-Dichlorophenol	7.94	162	247634	40.219	ng		98
30) 1,2,4-Trichlorobenzene	8.00	180	250806	37.117	ng		99
31) Naphthalene	8.09	128	825513	36.718	ng		100
32) Benzoic acid	7.86	122	46413	9.014	ng		93
33) 4-Chloroaniline	8.16	127	79503	8.254	ng		97
34) Hexachlorobutadiene	8.19	225	140545	37.973	ng		99
35) Caprolactam	8.53	113	72922	33.950	ng	#	71
36) 4-Chloro-3-methylphenol	8.65	107	249550	37.799	ng		96
37) 2-Methylnaphthalene	8.78	142	537729	36.976	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	240149	41.350	ng		99
40) Hexachlorocyclopentadiene	8.92	237	124809	38.386	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	158646	39.350	ng		97
43) 2,4,5-Trichlorophenol	9.12	196	161267	35.745	ng		96
45) 1,1'-Biphenyl	9.25	154	639498	37.521	ng		98
46) 2-Chloronaphthalene	9.27	162	503477	37.399	ng		99
47) 2-Nitroaniline	9.38	65	139873	42.013	ng		95
48) Acenaphthylene	9.69	152	711370	33.679	ng		100
49) Dimethylphthalate	9.55	163	701376	43.838	ng		100
50) 2,6-Dinitrotoluene	9.62	165	130807	44.185	ng		87
51) Acenaphthene	9.86	154	430294	33.389	ng		98
52) 3-Nitroaniline	9.80	138	65953	19.030	ng		91
53) 2,4-Dinitrophenol	9.91	184	101646	81.996	ng	#	20
54) Dibenzofuran	10.03	168	627598	34.944	ng		96
55) 4-Nitrophenol	9.99	139	133662	49.095	ng		93
56) 2,4-Dinitrotoluene	10.03	165	155890	40.144	ng	#	86
57) Fluorene	10.37	166	515073	39.401	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	125819	37.381	ng		95
59) Diethylphthalate	10.25	149	569984	35.771	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	244915	42.068	ng		95
61) 4-Nitroaniline	10.42	138	117059	34.543	ng		98
62) Azobenzene	10.52	77	494263	32.468	ng		96
64) 4,6-Dinitro-2-methylphenol	10.44	198	76957	45.919	ng		82
65) n-Nitrosodiphenylamine	10.49	169	453242	37.676	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	143860	38.981	ng		96
67) Hexachlorobenzene	10.92	284	157879	38.019	ng	#	89
68) Atrazine	11.02	200	133489	36.761	ng		99
69) Pentachlorophenol	11.13	266	131959	51.365	ng		98
70) Phenanthrene	11.34	178	719874	37.257	ng		99
71) Anthracene	11.39	178	722057	36.762	ng		99
72) Carbazole	11.56	167	649354	33.833	ng		100
73) Di-n-butylphthalate	11.87	149	861506	36.746	ng		99
74) Fluoranthene	12.53	202	688094	34.085	ng		96
76) Benzidine	12.66	184	104408	11.261	ng		98
77) Pyrene	12.76	202	648693	44.353	ng		100
79) Butylbenzylphthalate	13.37	149	301491	43.755	ng		99
80) Benzo(a)anthracene	13.98	228	488666	41.455	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	88922	20.232	ng		98
82) Chrysene	14.02	228	463392	38.272	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	412733	46.569	ng		100
84) Di-n-octyl phthalate	14.61	149	625553	42.241	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.99	276	436420	42.430	ng		95
87) Benzo(b)fluoranthene	15.08	252	431675	36.742	ng		100
88) Benzo(k)fluoranthene	15.11	252	425786	38.387	ng		99
89) Benzo(a)pyrene	15.45	252	412137	39.205	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	365142	42.292	ng		98
91) Benzo(g,h,i)perylene	17.43	276	355281	42.474	ng		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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